CLAIMS

1. A one way drive comprising a flexible head having a split aperture therein for loosely engaging drive means for driving a fastener, an elongate handle, and cam means arranged to couple the handle and the flexible head, so that when the one way drive is about to drive a fastener the handle is moved relative to the head, the cam means is effective to close the aperture and increasingly to tighten the flexible head about the drive means as more torque is applied to the handle.

2. A drive as claimed in claim 12, wherein the cam means comprises a plurality of pins mounted on the handle.

3. A drive as claimed in claim 2, comprising two pins mounted on the handle and located in slots in the flexible head for opening or closing the split aperture in the flexible head.

4. A drive as claimed in any preceding claim, wherein the cam means comprises a surface on the handle extending in a direction transverse to the direction in which the longitudinal axis of the handle extends for engagement with the flexible head to move the head upon the application of torque to the handle.

5. A drive as claimed in any preceding claim, comprising two plates mounted on opposed sides of the handle at one end thereof to define a recess therebetween with an end surface of the handle, the flexible head being mounted in the recess.

6. A drive as claimed in any preceding claim, wherein the flexible head comprises a flexible ring having a pair of circumferentially spaced surfaces extending in a radially outward direction from an inner ring surface.

7. A drive as claimed in claim 6, wherein the circumferentially spaced surfaces diverge outwardly from the inner ring surface.

~~8. A drive as claimed in claim 6, wherein an outermost free end of each surface constitutes a cam surface.~~

9. A drive as claimed in claim 6, 7 or 8, comprising a slot in the body of the flexible ring, one on each side of the circumferentially spaced surfaces for receiving cam means therein, respectively.

10. A drive as claimed in claim 9, wherein each slot, one relative to the other, diverge outwardly from the inner ring surface.

11. A drive as claimed in claim 10, wherein cam means mounted on the handle engage each slot, respectively.

12. A drive as claimed in any preceding claim, wherein the cam means comprising a detent located in a recess extending in an axial direction of the handle.

13. A drive as claimed in claim 12, wherein the detent comprises a compressional spring located in the recess and a ball cam located at a free end of the compression spring for location between the outermost ends of the spaced surfaces of the head.

14. A drive as claimed in claim 8, comprising a recess in each cam surface for receiving cam means therein to effect gripping of the drive upon an article to be turned without applied torque.

15. A drive as claimed in claim 14, wherein the cam means comprises a cylinder having a curved surface at one end for engaging the head.

16. A drive as claimed in any of claims 1 to 11, wherein the handle comprises a handle portion and a plate integrally formed with the handle portion as a one piece handle.

17. A drive as claimed in any preceding claim, wherein the handle comprises two overlying spaced plates formed with the handle portion as a one piece handle.